

Measure pressure and flow – Using one instrument

testo 512

The pressure and flow meter with switchable units displays pressure and velocities when used together with a Pitot tube.

- Adjustable smoothing
- Density compensation integrated
- Switchable units. Pressure: hPa/mbar, mmH₂O, mmHg, psi, inH₂O, inHg; flow: m/s, fpm

0 to 2 hPa/mbar

1

Differential pressure meter, 0 to 2 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5120

0 to 20 hPa/mbar

2

Differential pressure meter, 0 to 20 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5121

0 to 200 hPa/mbar

3

Differential pressure meter, 0 to 200 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5122

0 to 2000 hPa/mbar without flow

4

Differential pressure meter, 0...2000 hPa/mbar, incl. battery and calibration protocol

Part no. 0560 5123

Accessories Ordering data

Part no.

TopSafe (protection case) with bench stand, Protects instrument from impact and dirt	0516 0183
Case for instrument and probes, For safe and orderly storage	0516 0182
Connection hose, silicone, 5m long, Max. load 700 hPa (mbar)	0554 0440
Pitot tube, 350 mm long, stainless steel, measures velocity in connection with pressure probes	0635 2145
ISO calibration certificate/Pressure, Differential pressure, accuracy 0.1 to 0.6 (% of fsv)	0520 0025



Simultaneous display of flow and pressure value

Measures flow with a Pitot tube in a ventilation duct

Technical data	1	2	3	4
Meas. range	0 to +2 hPa +2 to +17.5 m/s	0 to +20 hPa +5 to +55 m/s	0 to +200 hPa +10 to +100 m/s	0 to +2000 hPa
Resolution	0.001 hPa 0.1 m/s (+1 to +17 m/s)	0.01 hPa 0.1 m/s (+3 to +55 m/s)	0.1 hPa 1 m/s (+9 to +100 m/s)	1 hPa
Overload	±10 hPa	±200 hPa	±2000 hPa	±4000 hPa
Accuracy	0.5% of fsv / ±1 digit			
Measuring medium	All non-corrosive gases			
Oper. temp.	0 to +60 °C			
Storage temp.	-10 to +70 °C			
Battery life	120 h			
Dimensions	191 x 57 x 42 mm			
Weight	275 g			